

THE TECH

VOL. XXXI. NO. 11

BOSTON, MASS., SATURDAY, OCTOBER 7, 1911

PRICE TWO CENTS

RELAY PRACTICE IN FULL SWING

Both Managers Have Arranged
Practice Races—More Men
Needed.

With Field Day only four weeks away, and places in this affair bound to be hotly contested for, relay practice is now going on in full swing. It has not swung so far, however, but that that there is still time to start in. There are to be twelve men picked for each team, with substitutes. This gives a large number of men a chance to make the team, but it also requires a big squad to choose from.

The number of men out is not as large as it should be, and it is up to the members of the Sophomore and Freshman classes to immediately increase their respective showing. Also the men already out should report regularly.

Men who come out now will have a chance in the fall handicap meet, which is held October 17. At this meet medals are given. But the primary reason why men should report early is that they need a lot of practice passing the flag, an eight-inch rod of cork. A better team has often lost a race because some one dropped the flag in passing. Each team will have its rubber to rub away that "stiff" feeling which accompanies the first few days' work.

The Sophs have had experience in running together, but need men badly. The squad consists almost entirely of the track team candidates. The men already out are in good condition. Although they have few stars, this team is well balanced and they hope to break the record set last year by 1913.

The Freshmen have about 25 men out, some of whom have had considerable experience. There are many Freshmen who ran at Prep. School and are known to be good who have not as yet reported. It behooves these men to wake up. 1915 shows a commendable spirit in having a larger number of candidates than 1914, and are going in to win.

Both managers have arranged for practice meets. Although there will not be final trials, they will help give a line on the men. The Sophomores will run English High on October 17, and will meet one other team before Field Day. Trials will be run before the E. H. S. meet. The Freshmen will soon run a practice race with a team of Juniors and expect to run the Mechanics Arts High team.

The following men have reported:
1914—E. P. Alexander, E. W. Bowler, A. Crankshaw, A. C. Dorrance, Fleming, C. Gardner, T. H. Guething, Haynes, A. D. Hiller, F. L. Hurlburt, W. E. Lucas, S. A. Smith, A. R. Stubbs, D. E. Sutherland, H. S. Wilkins, Huff, L. A. Wilson, A. T. Wyman, W. P. Keith.

1915—B. S. Atkins, T. J. Barry, D. B. Baker, H. R. Bassett, A. B. Curtis, B. V. Enehrke, B. E. Field, B. F. Fields, F. F. Fulton, F. Hann, F. J. Herliky, J. Homan, E. J. Kingsbury, B. Lapp, A. W. Mack, N. L. Medhurst, A. T. Munyon, E. Place, R. F. Pollard, L. W. Prescott, T. F. Spear, W. B. Spencer, W. S. Thomas, J. A. Tobby, R. T. Todd.

CORRECTION.

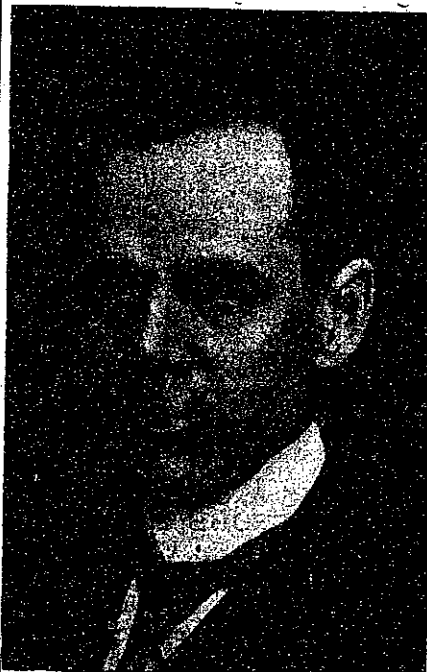
Owing to a typographical error, the time of the leaving of the train for the Hare and Hounds' Run appeared as 3.14 P. M. The correct time should have been 2.14 P. M.

DR. MACLAURIN BACK FROM TRIP ABROAD

Says Plans For New Institute
Are Complete Save Select-
ing New Site.

After a summer spent in rest and investigation in England, President MacLaurin arrived at the White Star docks in Charlestown Thursday morning on the Arabic. The President was in the best of health and predicted a successful and noteworthy year in the history of the Institute. Dr. MacLaurin was accompanied by Mrs. MacLaurin, her son Rupert, and her sister, Miss Jean Young of Wallingford, England, who will spend the winter with Dr. and Mrs. MacLaurin at Bay State road.

That interesting question as to the location of the new Tech was raised. "Although it is impossible for me to say definitely when we can announce the choice of the new site for Technology, we will start building on the new Institute in the Spring," said Dr. MacLaurin.



PRES. R. C. MACLAURIN

"Funds for the ground have been secured; plans giving a general idea of the arrangements of the buildings have been drawn up, and the only remaining consideration is a proper adjustment of the price. It will be necessarily a slow process. We must move the Institute piece by piece."

The President has had excellent opportunity to study the construction of a technical school in the example of the Imperial Institute of Technology at London. Here the equipment is being greatly enlarged; a large student union has just been completed, and the mining building is in the process of construction. A somewhat similar process is taking place at the Manchester University. Plans of these buildings will be sent to Dr. MacLaurin and the Institute Building Committee.

In addition to Dr. MacLaurin's investigations, Professors Charles M. Spofford, Charles R. Cross, Albert N. Lewis, A. A. Noyes, Miles L. Sherrill, Dugald C. Jackson and Cecil H. Peabody have spent their time investigating particular phases of technical school development. Thus the new Tech will embody the best features of the English and Continental schools.

It is now particularly certain that the corporation of the Institute will make a definite announcement as to the new site very shortly, although Dr. MacLaurin would not commit himself on that subject.

Continued page 2 column 1

DESMOND FITZGERALD ADDRESSES C. E. SOCIETY

Large Attendance at the First
Gathering—Professors Also
Spoke.

The first meeting of the Civil Engineering Society of the season was held last night in the Union, before a gratifyingly large audience. After the reading of the minutes of the previous meeting, President Powell discussed the purposes and plans of the society for the ensuing year. As stated in the constitution, the object of this society shall be to awaken and maintain an active interest in the study of civil and sanitary engineering and the subjects pertaining thereto, and to aid generally in the intellectual advancement and improvement of its members. All eligible men—those in Courses I, XI and IV opt.—are urged to join the society at once and help to keep up its reputation as the "biggest, busiest and best" professional society at the Institute. The Boston Society of Civil Engineers has invited the members of the Tech society to participate in their exercises, an exceptional opportunity. A joint societies' dinner is planned and two tables will be reserved in the Union for the C. E. members.

The speaker of the evening, Mr. Desmond Fitzgerald, was then introduced. Although not a graduate, he is regarded as a Tech man from his long connection with the corporation. While connected with the Boston and Albany Railroad he was asked to help run a test line in the then uncompleted Hoosac Tunnel by the chief engineer, Mr. Edward S. Philbrick. The line was one of the most remarkable ever run, the two halves meeting at the centre on completion within half an inch. Into the centre of the tunnel ran a vertical shaft 1000 feet deep from the top of the mountain above, and it was largely due to the tireless energy of the engineer in charge of this shaft that the success of the line was due. In the central shaft two verniers were mounted in the line of sight. From the top of the shaft two copper wires were hung with heavy plummets at the end, which dipped into brackets of oil, the base thus given being about eighteen feet. After the stretch—about 30 feet—had been taken out of the wires, it was found that they had acted as pendulums and had a regular movement. Accordingly a third vernier was mounted at the bottom and these swings recorded. An average of thousands of these observations was taken and the line projected from it. It was found that the impulses were given by spattering water, and after encasing the wires in wooden shafts the plummets remained fixed on the average line. He also gave a very interesting account of the new Mississippi River dam and its construction, as well as touching on the Panama Canal and sewage disposal.

Professor Porter spoke of Mr. Fitzgerald as one of the staunchest supporters of the Institute in time of trouble, and gave some very good advice and suggestions as to the disposal of the societies' surplus funds.

Seems sort of tough that the Basketball Team should be deprived of the privilege of wearing the bTb in their games. The Council may have reason for not letting them work with even the hopes of being awarded their insignia, but when they won't let them wear it in a game it looks as though they were going too far.

SLIGHT CHANGES IN COURSES V AND X

Applied Mechanics to Be Com-
pleted During Third Year.

Several important changes have been made this year in the two chemistry Courses, V and X. The number of laboratories has been increased, a few changes have taken place in the teaching staff, and the list of studies has been changed so that applied mechanics may be completed in the third year.

Since the student of chemistry spends a large part of the four years in laboratory work, the increase in the number of laboratories will be welcomed by all students taking either of those courses; 20 Walker has been thrown open as a laboratory of Analytical Chemistry, and 9 Eng. C. has been added to the laboratories of Theoretical Chemistry.

There have also been numerous changes in the teaching staff, but these have already been recorded in these columns.

The most important change is undoubtedly the new arrangement whereby students of Course X are allowed to complete the study of Applied Mechanics in the third year instead of continuing the subject in the first term of the fourth year, as was the former plan. Professor Talbot is of the opinion that this is a decided improvement.

There have been no changes in the Options during the summer. This is a new and pleasant change from the old days of frequent changes when no one really could tell just what they were taking.

BROTHERHOOD OF ST. ANDREW HAD MEETING

A most enjoyable time was spent last evening at the welcome meeting of the Brotherhood of St. Andrew to all new men at the Institute connected with the Episcopal Church. After introducing the visitors of the evening, Revs. Dr. Rousmaniere, St. Paul's; Van Etten, Trinity; Cline, St. Stephens, the director, Mr. Kneeland, gave a short but excellent talk on the aims and ideals of the Brotherhood. He urged the men present to identify themselves with some church, as these days at school are among the most critical in a man's life; and it behooves him to stop any inward tendency to moral backsliding. Also he said: "A man should do his best to abnegate self from his vocabulary and help to better the lot of his fellow men, which will at the same time increase his own happiness. He concluded by saying that the third Sunday of each month Tech Corporate Communion will be held at Trinity Church at 8 A. M. There will also be weekly conferences at the Trinity meeting ended with the serving of excellent refreshments.

CALENDAR.

Saturday, October 7, 1911.

- 2.00—Track Practice at the Field.
- 2.00—Class Relay Teams at the Field.
- 2.14—Hare and Hounds leave North Station for Wakefield.
- 3.30—1915 vs. Bridgewater Normal, Football, at Bridgewater.
- 3.30—1914 vs. Worcester Academy, Football, at Worcester.
- 4.00—1912 Class Officers' Nominations due at Cage.

Monday, October 9, 1911.

- 9.00—1913 Class Officers' Nominations due at the Cage.
- 3.00—Track Practice at the Field.
- 4.15—Class Relay Teams at the Field.

THE TECH

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SATURDAY, OCT. 7, 1911.

It is indeed good news to us to hear of Dr. MacLaurin's return, and we all welcome him and wish him every success in his work for the year, and this year will probably make a good deal of history in the annals of the Massachusetts Institute of Technology. Dr. MacLaurin has one of the greatest problems of years before him in the selection of a new site, which has been left to a committee of five men, with full power to make a choice. In a personal interview the President promises that the actual selection will be announced very shortly, and work on the construction of the "New Technology" in the early Spring. Dr. MacLaurin has visited many of the leading technical schools during his absence, and has gathered together many points which he hopes to put to use with effect in the Institute.

Dr. MacLaurin was asked regarding the general situation of politics on the other side of the water. He said he thought the general feeling of the English people was that the Franco-German question was of no vital importance, and not at all likely to develop into serious consequences. The present difficulties between Italy and Turkey are likewise of little interest in the northern empire. This is true in both cases, owing to the reason that the ultimate consequence of both situations is apparent.

(Continued from page 1)

President MacLaurin was a witness of the strike in London. He said that far more important to the Englishman than Continental disturbances were his own troubles between capital and organized labor. The technical man will eventually stand between these opposing forces, hence English institutions are just waking up to the importance of thorough technical training.

"The way a small group of men can disrupt the whole business organization of a country is a matter for very serious consideration on this side of the water as well," said the President. "And the Institute of Technology is the place where careful consideration of the subject is required if it should act for the best interests of the nation."

Mrs. MacLaurin was quite as enthusiastic over the subject of the new Tech as her husband. She has always taken a deep interest in the affairs of the students, and her first question was whether any poor Freshman had been dipped in the Public Garden pond by the Sophomores.

TECH SHOW BOOKS NEARING COMPLETION

Special Directions Given to Prospective Authors in Contest.

With the opening of the activities connected with Tech Show, 1912, the thing of paramount importance is of course that a book be obtained which shall be of sufficiently high calibre to keep up the standard that has been set by previous Shows. In order that the management shall have the greatest possible choice in this matter it is clear that the more books there are submitted the more likelihood there is that an all-round excellent play can be selected. It is hoped, therefore, that there are many who will submit manuscripts.

The time is growing short now in which to finish up these books, for the end of the competition will probably be fixed for the first of November. Before that time numbered envelopes will be left at the Cage. Prospective authors should obtain one of these and place therein his name and address; then number his book according to the number of the envelope, and leave both book and sealed envelope at the Cage for G. R. Thayer, manager of the Stage Department. It is essential that these instructions be accurately followed.

If there is anyone who wishes any further information on the subject it may be had by leaving a note for Mr. Thayer at the Cage, or at the Show office, No. 3, the Union.

COSMOPOLITAN CLUB.

Following the general trend of the societies, the Cosmopolitan Club is preparing for an active year's work. The statements in yesterday's issue of THE TECH in regard to the club's congratulatory letters to President Taft and Count Togo show that the club is a live one.

The Executive Committee held its first meeting Thursday afternoon, when plans were started for a smoker on October 14, definite announcements concerning which will appear later in this paper. At this meeting Z. Y. Chow reported that at a conference of the Chinese students of the Eastern States at Princeton, August 22-29, which was attended by 200, Tech was represented by three delegates. These three men, C. S. Hsiu, M. C. Hou and Z. C. Hsi, met three men from Princeton in a debate on "Which is the More Important for China—Technical or Military Training?" The Tech men, speaking on the side of technical training, won the debate.

COMMUNICATION.

To the Editor of THE TECH:

The House Committee appreciates your criticism in Friday's TECH and wishes that all suggestions were made in the same open and straight-forward manner. As regards the position of the 1911 class gift, the committee is not at fault, as the seal was placed over the fireplace before the term opened by the Institute authorities. While admitting that the position of the seal is not a good one because of the lack of light, we believe that it is the best available space. We hope that in the Walker Memorial the gift will have a position befitting the class which presented it, that is, the best possible.

OLIVER D. POWELL.

COMMUNICATIONS.

[Communications will be published unsigned at the request of the writer, who must, however, submit his name in every case to the Editor. The Board assumes no responsibility, however, for the facts as stated, or for the opinions expressed therein.]

Evidently there are a few Tech men on the road to Cynicism, witnessed by the fact of cat calls and growls during the first part of Dr. Stockdale's talk this noon. Ample proof of his statement that the cynic was the fellow who stood outside and jeered.

A SENIOR.

"THE LITTLE PLACE
'ROUND THE

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Cash	11,279,205.11

\$96,259,904.09

LIABILITIES

Capital	\$ 3,500,000.00
Surplus and Undivided Profits	5,813,181.57
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Deposits	85,965,615.15

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"Students wishing to take Electrochemical Laboratory 801 should consult Professor Thompson before Oct. 9th."

WANTED—Copy of 1911 Technique. Leave note stating price and condition at Cage for **SELIGMAN**.

LOST—H. Harlow, 20 Langdon St., Cambridge, Mass. Fraternity pin, Kappa Phi. Reward. Kindly communicate with H. Harlow.

THIRD YEAR—QUANTITATIVE ANALYSIS.

The lecture in Quantitative Analysis 559 is transferred from 20 Eng. B, Thursday, at 10, to 54 Eng. Building A.

WALTER HUMPHREYS,
Registrar.

NOTICE—A Fraternity Pin has been found. It may be had by identification at the General Library.

SOCIETIES.

Will the Secretaries of the various societies call at the Cage for mail?

NOTICE.

All men in Courses I, XI or IV, in second year or above are eligible for membership in the C. E. Society, and all desiring to affiliate are requested to leave their names at the Cage for **J. J. STRACHAN, 1913,**
Secretary.

1915 VS. BRIDGEWATER.

The lineup for today's football game at Bridgewater is as follows:

- R. E.—Mores.
- R. T.—Hall.
- R. G.—Crowell.
- C.—Boynton.
- Q. B.—Duff.
- L. G. Kelleher.
- L. T.—Murphy.
- L. E.—Haslam.
- F. B.—Hawgood.
- R. H.—Hadley.
- L. H.—Morrison.

This is the first Freshman game of the season. It is played with the Bridgewater Normal School at Bridgewater. The men have been at practice every day on the Tech field at Brookline, and Manager Morrison considers them in excellent shape for today's match.

TENNIS TOURNAMENT.

Entry List of Twenty-Six—First Match Played Soon.

Everything is in readiness for the tennis tournament which will commence this week with an entrance of twenty-six names. The first match of the singles must be played off before Saturday, and the first match of the doubles before Wednesday, October 12th.

The first sets of singles are between Beckman, 1913, and W. H. Taylor, 1912; A. R. Urquhart, 1915, and Fisher, 1912; A. Taylor, 1915, and Holmes, 1913; Perkins, 1912, and Schwartz, 1912; Keith, 1912, and Macleod, 1913; Thomas, 1915, and Freeman, 1913, and Roberts, 1913, M. P. Allen and Lasier, 1913; Hutchinson and Haines, 1913, and C. R. Woodward and Brigham, 1912. In the doubles, Wood, 1915, and Beckman, 1913, will play Macleod and Freeman, 1913, and Schwartz and Keith, 1912, will play Fisher and Woodward. The winner of the semi-finals will play Holmes and Roberts.

The captain of the tennis team, C. R. Woodward, 1912, requests all entrance fees be paid as soon as possible in order that the cup may be purchased immediately. The fees are fifty cents for singles, seventy-five cents for doubles, and may be paid by leaving the cash at the Cage for Woodward or for W. N. Holmes, 1913, who is the vice-president of the Tennis Association.

The challenge list stands at present: Fisher, Woodward, Brigham, Keith, Taylor, Freedman, Holmes and Rankin. Any player may challenge the one above him, and any one may challenge the last man. A player after having challenged and lost may not challenge again until a week has elapsed. The first four men on the challenge list constitute the Tech tennis team, and the first two will play in the N. E. Intercollegiate Tennis Association.

DEVELOPMENTS IN ITALIAN-TURKISH WAR

We are all familiar with Sheridan's definition of war, but perhaps the Turk is not. Sheridan's definition likens war to a certain mythological and uncomfortably torrid region, which region, by the way, Sheridan considered preferable to Texas. The average Turk certainly knows nothing of Texas, and probably nothing of the classic definition; his religion does, however, assume the existence of this same superheated region. Now, then, the Turk is having war forced upon him in quantities larger than it is convenient to digest and, if we may be permitted an approach nearly to slang, he is getting all that the definition implies.

Italy declared war, gave the Turkish ambassador twenty-four hours to leave Rome and immediately proceeded to active hostilities. In fact, Italy began war before the news of the declaration of their intention had yet reached the Turkish capital. The Turkish fleet was passing through the Dardanelles with no knowledge that there was a war; they encountered the Italian fleet and saluted; the Italians reciprocated by turning their guns upon them, and they were mutilated. The Italians have bombarded Tripoli and blown up all the fortifications, but at the same time they have carefully avoided directing their guns against all private dwellings, churches, mosques and monasteries. Such a display of magnanimity is extremely laudable.

The Italians are an intensely religious people and, like all intensely religious Christians, they respect the religion of others; this may be one reason for their conduct. Their star is in the ascendant; they are the acknowledged winners and they can afford to be magnanimous. This is perhaps another, but still very problematical, reason. The remaining reason is pure altruism. Spencer, who is a far from cynical author, says that altruism exists only when a person does a benevolent action which he does not wish to do. The man who gives a beggar a dollar and goes his way patting himself on the back for benevolence is not an altruist.

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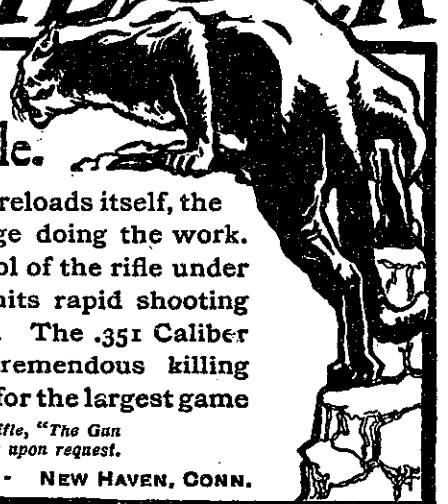
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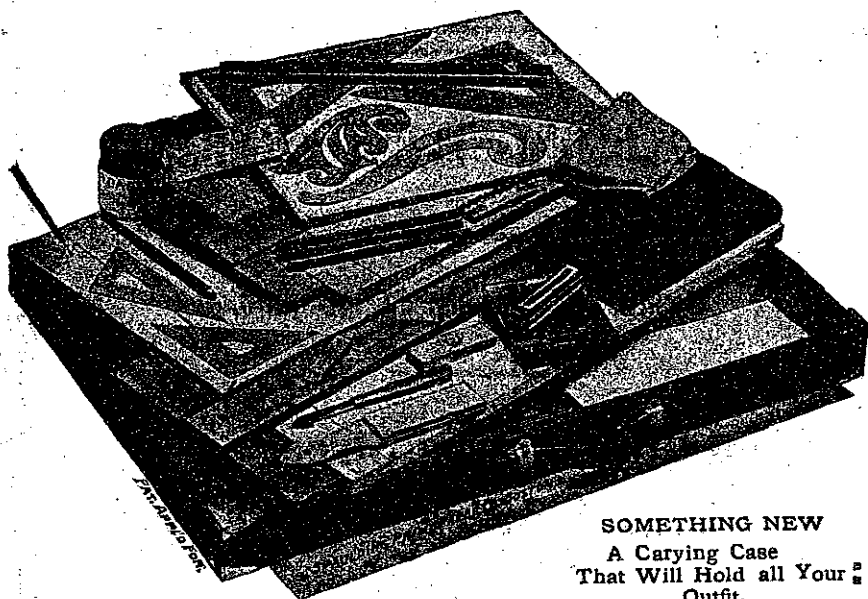
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HISTORY OF SCIENCE.

Essays handed in to Professor Sedgwick last year will be returned to students on application at the Library of the Biological Department.

Essays not claimed within a month will be destroyed.

1913.

Nominations are now open for Class Officers. Nominations signed by ten men may be left at the Cage for 1913 Election Committee until 4 P. M. Monday, October 9. S. E. Rogers, Acting President.

900 Beacon Street, cor. Audobon road. Two large rooms for Tech. students. Two in each room and meals. Nine and ten dollars each week. With-in walking distance of the Institute. Tel. B. B. 4925-J. (4-6t)

FACULTY NOTICES.

Precision of Measurements.

Sept. 30, 1911.

The regular course of lectures will be repeated for College Students who have the subject to make up, on Wednesday and Friday afternoons at 4 o'clock, in Room 23, Walker.

The list of problems to be handed in before December 1st by students who were marked deficient, D, in this subject is posted on the bulletin board in Room 16, Walker.

H. M. GOODWIN.

Sept. 30, 1911.

Physical Laboratory Reports for the year 1910-11 may be obtained by applying to the assistant in Room 16, Walker. Reports remaining uncalled for after October 15th will be confiscated.

H. M. GOODWIN.

NOTICE—Free tickets of admission to the Museum of Fine Arts for the year 1911-1912 may be obtained by all students upon application at the ticket office in the Museum entrance. H. L. Story, For the Director.

Lombardy Inn **Italian Restaurant...**

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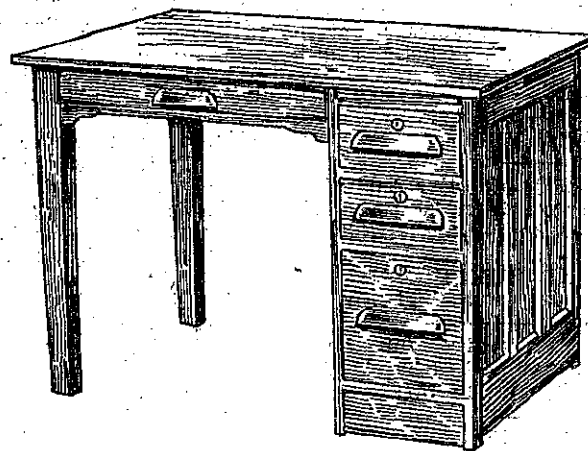
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 7 Dinners 2.50 7 Lunches 1.50

Breakfasts 10c. Lunches 25c. Dinners 40c.
 WE CATER TO TECH STUDENTS

THE TECH

VOL. XXXI. NO. 8

BOSTON, MASS., MONDAY, OCTOBER 9, 1911

PRICE TWO CENTS

HARE AND HOUNDS LAY TRAIL AT WAKEFIELD

Training Table to Be Started in
the Union Very Soon—
Kanaly Talks.

The Hares led the Hounds a merry chase over an exceptional five-mile course at Wakefield Saturday. Only 14 men showed up, but the bad weather probably kept many away. The run started from the Y. M. C. A. and led away to the north. The Hares layed some clever blinds, but ex-Captain Watkins, who is out every Saturday with the squad, knew the course so well that it was only necessary to follow him and to dodge barbed wire fences.

After laying the trail about four miles the Hares ran into a swamp which proved to be too wet for them. They had to retrace their steps, with the result that the Hounds overtook them. N. F. Nye and E. M. Newlin found the bags.

The men lined up and sprinted for the finish, about half a mile away. Benson, Nye and Marceau put up a spirited brush for first place, finishing in the order named.

After the run Coach Kanaly and H. S. Benson spoke to the men. Mr. Kanaly impressed the fact that there must be more men out. At Harvard there are 71 candidates for the cross-country team, thirty-one of whom are Freshmen. Our squad of 14 out Saturday looks pretty small in comparison with this crowd. It is almost impossible for Tech to win second place in the intercollegiate cross-country, as she should, with this small squad. He said that the runs on Saturdays would be held regardless of the weather, and for men to report just as regularly on wet days as on dry ones. An intercollegiate meet is often held on a wet day, and was the case in the M. I. T.-Brown-Tufts race last year, and then the practice of running on wet grounds is very valuable.

Captain Benson of the cross-country team spoke of a few training rules and said that a training table would soon be established at the Union. He urged as many men as possible to attend this and also to be more regular in practice. Some men came out only once a week.

Next week the run is to be held at Needham, and it is hoped a big bunch will be out. The men who ran Saturday in the order of finish were: Hares—F. H. Achard, 1913, and R. B. Bonny, 1913.

Hounds—H. S. Benson, 1912; N. F. Nye, 1914; E. T. Marceau, 1912; E. M. Newlin, 1914; C. S. Lee, 1914; C. H. Wilkins, 1914; R. C. Brett, 1914; F. C. Atwood, 1914; M. A. Oettinger, 1912; M. B. Lewis, 1914; W. Jennings, 1915; A. S. Milliken, 1913, and E. N. Loveland, 1915.

WISCONSIN'S OLDEST.

An age record for matriculation has been established by the University of Wisconsin this year through the entrance of a woman student, aged eighty-one years.

When interviewed as to her reason, she merely said that she had seen all of her children safely placed in their life work, and, being left alone in the world, she decided there was nothing which would give her greater pleasure than to spend the declining years of study.

PROF. RICHARDS TO SPEAK TO MINERS

Jamaica Pond and Its Animals to
Be Described by Word and
Lantern Slide.

Tomorrow night, at a quarter before eight, the Miners will gather in the Union for their first meeting of the year. The program of instrumental music by some of the members, an interesting talk by Prof. Richards and refreshments ought to draw a big bunch of the Course Three men for their first meeting.

Professor Richards will tell the fellows something about Jamaica Pond, the layers of its waters and the way they change from one season to another, the different forms of animal and vegetable life found in and near it, and the effects of the absorbed oxygen on the life of its fish will also be touch upon. Lantern slides prepared for this purpose will illustrate the talk and add much to the vividness of the descriptions. The whole talk will be non-technical and will only touch on mining as it refers to water supply and its sources, and this will be merely interesting information and not at all theoretical in character.

A cordial invitation is extended to the members of the course who are second year men to come to this meeting to take this chance of meeting the upper classmen of their course and to come into closer touch with the Faculty members of the department. This is their first chance since they have become eligible and it should not be allowed to slip by unheeded.

A last word to the Miners only gives a finishing touch to the already complete evening. Refreshments will be served. This means that "eats are free," good things to eat and good fellowship for all who attend.

INDIVIDUAL PRACTICE

FOR SWIMMING TEAM

Saturday afternoon only half a dozen men besides the regular team answered to the call issued by the manager of the swimming team and reported to Captain R. A. Leshar at the Salvation Army tank, the small number being due probably to the games of the other branches of athletics. Those that reported had at least a good hour's practice, in which they were shown the first and necessary points of tank racing. The men on the team each took a man and showed him the nature of the work to be learned before the winter practice starts in, and how to go about it.

Needless to say the points and ideas concerning tank racing are hard to acquire and take considerable time to learn correctly. Realizing this, several of the men on the team are going to devote some time each week till Christmas to the new men. This is something to be taken advantage of, for it will not only facilitate regular practice but will also give men individual attention. Beginning with Monday, E. W. Mann, 1914, will meet men at the Salvation Army tank, at the corner of West Brookline and Washington streets, at 4.30 o'clock; C. A. Smith, 1912, will coach on Wednesday afternoons, and Captain R. A. Leshar, 1913, on Fridays, at the same time.

SENIORS SHOW LITTLE NOMINATION INTEREST

Elections For Most Important
Offices Thus Put Up to
Committee.

The Senior Elections Committee met yesterday afternoon and made up the ballot from the list of men who were nominated by the class. They had to nominate a number of men themselves in order to fulfill the proviso of the constitution which calls for a certain number of names on the ballot, because of the fact that the class was not enough interested to nominate men for the different offices.

The list of names that will appear on the ballot with their courses follows: For President, H. S. Benson, II; C. H. Carpenter, II; R. Cremer, I; H. E. Kebbon, IV. For Vice-President, D. F. Benbow, II; H. D. Kemp, VI; H. H. Partridge, II. For Secretary, R. P. Wallis, I; D. M. Wyman, II. For Treasurer, R. H. Fox, II; C. B. Rowley, II; H. A. Babcock, II. For Executive Committee, G. M. Keith, I; John Hall, XI; H. D. MacDonald, III; B. T. Ross, X; Philip Tong, I. For Institute Committee, F. W. Barker, X; D. E. Bent, VI; R. M. Doble, II; J. E. Whittlesey, II. For Athletic Association, K. Cartwright II; E. Ferry, VI; R. M. Ferry, II; E. T. Marceau, X; S. E. Reed, III; V. G. Sloan, I; E. B. Wettengel.

A list of the things that some of the men have done while they have been at the Institute may aid some of the members of the class in casting their votes when election time comes. This time, by the way, is right now, for the ballots will be mailed to all the regular members of the class on Tuesday of this week, and they should be filled out at once and handed in. The class will take more interest in the election than they did in the nominations, it is to be hoped, for there was a very small percentage of the men who were represented by the nominations as handed in. The results will be announced at the Senior dinner, the date of which will be announced in a later issue of THE TECH.

Taking up some of the more prominent men we find that Kebbon has been Editor-in-Chief of Technique, member of the class football team and a principal in Tech Show, 1909 and 1910. Benbow has been a class representative on the Institute Committee, business manager of Technique; Wallis was on the Prom Committee; Wyman and Rowley are Musical Club men; Fox was Secretary of the class last year, has been in the Show Chorus and on THE TECH; Cremer is an old Show man and the Faculty Editor of Technique.

Keith is at present the President of the T. C. A., was Editor-in-Chief of THE TECH last year; he was also on Technique Electoral Committee. Benson has been the manager of the Institute Track Team and is at present the captain of the Cross-Country Team, a member of the long distance Relay Team and the Athletic Association. Carpenter is the man that most of the class know best as the efficient class Treasurer; he was a member of Technique Electoral Committee. Kemp was on the Prom Committee, President of the class Freshman year and a Vice-president Sophomore year, and a Show principal. Partridge is manager of the Musical Clubs. Babcock was on the Prom Committee and a member of the Swimming Team.

Bent was Treasurer of Technique, member of the Swimming Team and Show principal. Barker was Societies

Continued on page 3; 1st. column

TECH MEN TO TEACH FOREIGNERS ENGLISH

B. Y. M. C. Will Again Push
Settlement Work—Start
Now.

Last year a movement was started by the Boston Y. M. C. A. with the object of getting some Tech men to teach in the foreign evening schools. For the most part this was to consist of teaching the English language, and there was a great deal of interest shown among the men who took it up.

The Y. M. C. A. men have offered to Tech men the same chance this year, and every man who can spare one hour a week is welcome, and wanted in the work. The work is easy and very interesting for those who take it up, and there is little or no need for previous experience along this line. The classes are made up of Greeks, Italians, Lithuanians and others who are eager to learn to speak the English language, and it is to the people of these nations that the Tech man can give much help and many ideas that may prove of great value to them.

The men who take up the work also benefit, for they learn how to handle and approach the men of these nations with whom they are very liable to come in contact after they leave the Institute. It is well worth one's time even for the results that are personally received, and those for the poor immigrant are almost incalculable.

This is a work that has been taken up widely by college men, and they are making a grand success with it for the college man is one who is by nature well fitted to carry it out. It is to be hoped that more Tech men will take it up this year and make it even more of a success than it was in the last few months of last year. All men interested can learn further particulars from Geoffrey B. Thayer, 1913, and they should do so as soon as possible, for some of the classes are already forming and the teachers will be needed in a very short while.

CALENDAR.

Monday, October 9, 1911.

9.00—1913 Nominations due at the Cage.

3.00—Track Practice at the Field.

4.15—Class Relay Teams at the Field.

4.15—Class Tug-of-War Teams at the Gym.

4.15—1914 Football at the Oval.

4.30—1915 Football at the Field.

4.30—Swimming Practice at the Salvation Army Tank.

Tuesday, October 10, 1911.

3.00—Track Practice at the Field.

4.15—Class Relay Teams at the Field.

4.15—Class Tug-of-War Teams at the Gym.

4.15—Musical Clubs at the Union.

4.15—1914 Football at the Oval.

4.30—1915 Football at the Field.

7.30—E. E. Society at the Union.

7.45—Mining Society at the Union.

Wednesday, October 11, 1911.

3.00—Track Practice at the Field.

4.15—1914 Football at the Oval.

4.15—Class Tug-of-War Teams at the Gym.

4.15—Class Relay Teams at the Field.

4.30—1915 Football at the Field.

4.30—Swimming Practice at the Salvation Army Tank.

8.00—Catholic Club at the Union.

THE TECH

Published daily, except Sunday, during the college year by students at the Massachusetts Institute of Technology.

Entered as second-class matter, Sept. 15, 1911, at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

Managing Board.

H. W. Hall, 1912....General Manager

E. W. Tarr, 1912.....Editor-in-Chief
L. W. Chandler, 1912...Managing Editor
C. A. Cary, 1912...Assignment Editor
A. H. Waitt, 1914...Chief News Editor

A. T. Gibson, 1913...Business Manager
L. H. Lehmaier, 1913...Adv. Manager
P. G. Whitman, 1913—Circulation Mgr.

News Board.

A. J. Pastene, 1913.....Societies
M. Paris, 1914.....Institute

News Staff.

In charge of departments:
N. A. Hall, 1912.....Exchange
M. Lewis, 1913.....Calendar
E. Steere, 1914.....Athletics

Business Board.

D. E. Van Volkenburgh, 1914....Adv.

Office, 42 Trinity Place.
Telephone, Back Bay 2184.

All communications should be addressed to the proper departments.

Subscriptions, \$2.00 per year, in advance. Single copies, 2 cents.

Subscriptions within the Boston Postal District and outside of the United States must be accompanied by postage at the rate of one cent a copy.

Printed by Ruiter, 147 Columbus Ave.

MONDAY, OCTOBER 9, 1911

New men at the Institute may not know of the existence of an unwritten rule requiring that no preparatory school or other college insignia, such as letters, numerals, class pins, etc., shall be worn during their stay at the Institute. Sweaters with letters or numerals on them may be worn inside out. This rule is one made by the Institute Committee in order that the man who earns insignia in athletics shall have something sacred and worth wearing, and that men out for the teams shall have something worth while working for. All new men should make it their business to act in accordance with this rule and save being officially notified by those in power.

The Christian Association is going to inaugurate a movement to get Tech men to assist the Settlement Department of the Boston Young Men's Christian Association in teaching English to foreigners. This is a most worthy and interesting work and the Secretary hopes that many men will give a little of their time to this work.

COMMUNICATION.

To the Editor of THE TECH:

It is time that attention was given to the spelling of the notices which are posted on the bulletin boards in Rogers. When errors so gross as "Appollo," "immeddiately," and the like, are conspicuously flaunted in the face of every stranger, the reputation of the Institute cannot but suffer. The rising generation is singularly obtuse to a sense of shame over any degree of ignorance in spelling, but when a public poster is in question the good repute of the Institute is to be taken into account.

ARLO BATES.

October 7, 1911.

BUSINESS COMPETITION TECHNIQUE STILL OPEN

Three Members of Thirteen Only Want to Work for This Department.

Last Thursday the Technique Board of 1913 issued a call for the Assistant Business Managerships in the form of a competition for the members of their class in the line of securing advertising for the book. Such work must be done in order to get out a book of this character; the advertising pages must be full, and the work is of such nature that it gives a man a fine chance to learn how to put a proposition up to a business man in such a way that he will see that it is best to accept.

So far only three members of the class have signified their intention of trying for the Board in this capacity, three candidates for two places. This is not only a chance to get into student activities, but also a chance to get some business experience on the side.

The terms of the competition are given out as follows:

- (1.) Any member of the Class of 1913 is eligible.
- (2.) The candidates can try for any advertisements except those which have appeared in Technique of previous years.
- (3.) The competition will close on December 1, 1911.
- (4.) The two men getting the highest amount (in dollars) of advertisements will be chosen as Assistant Business Managers on the Technique 1913 Board.

The Business Manager will be in the office every day from 5 until 6 o'clock in the afternoon, and will be pleased to see any one who wishes to make a try for the Board in his department.

It is very easy to get the advertisements, and it only takes a little time in the afternoon. Technique is not a product of the Board but of the whole class. It is the duty of every member of the class to do all he can to make his book as great a success as possible. This is a direct appeal to the Juniors from the men whom they have selected to put out the book. It is to be hoped that a large number of men will come out for the only two positions left on the Board.

"Who said that it was your duty to hand in a lot of grinds? It isn't; it is your pleasure. Get busy, and remember that a grind in the box is worth two in the head." (Special comment by one of the members of the Board. Guess who!!!!)

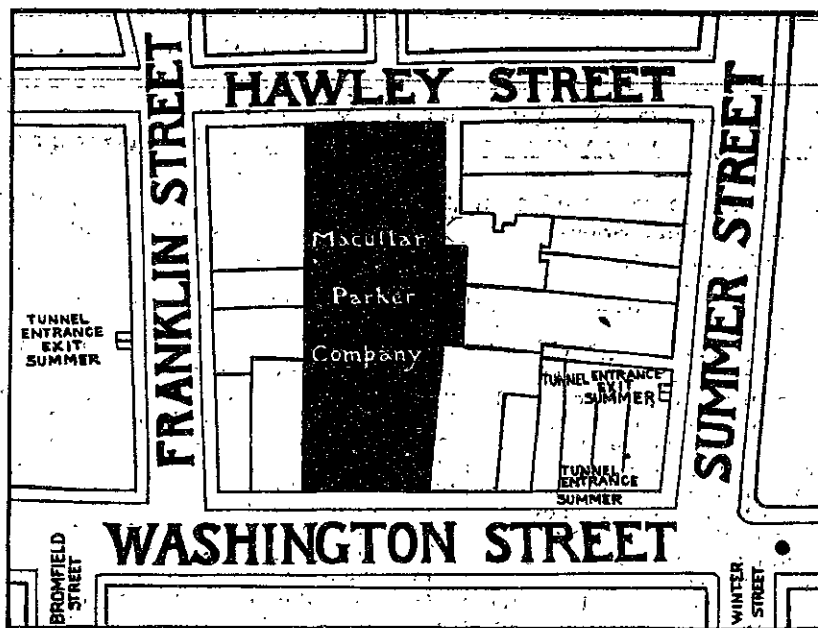
WORCESTER ACADEMY DEFEATS SOPHOMORES

On a wet, slippery field at Worcester the Sophomore football team went down in defeat by a 21-0 score at the hands of the Worcester Academy team. This was the first game of the season for the Tech men and they showed a great lack of practice.

Marshall and Bryant were the stars for 1914, but it was a case of a heavy, fast and very well drilled team going in and running away with one which has had no chance to practice. The newly elected captain, Chauncey Bryant, wants a large number of new men at the Oval this afternoon, so that his team may have some one to line up against to get some scrimmage work.

The lineup at the start of the game: Worcester. Technology, 1914.
McAuliffe, I. w.....r. e., Morrison
Berger, I. t.....r. t., Buhnam
Plum, I. g.....r. g., Marshall
Debower, c.....c., Benjamin
Tinker, r. g.....l. g., Hardey
Shalnecht, r. t.....l. t., Shurtleff
Moulton, r. e.....l. e., Stork
Calnan, q. b.....q. b., Mitchell
Jacques, I. h. b.....r. h. b., Fox
Schrimm, r. h. b.....l. h. b., Bryant
Enright, f. b.....f. b., Van Etten
The score: Worcester, 21; 1914, 0.

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SPECIAL DISCOUNT GIVEN TO TECH STUDENTS

Editor of Technique. Doble was a Show Principal and Glee Club man. Whittlesley has been on the Institute Committee and on the class Football Team. Cartwright, Earl and Ralph Perry and Marcead are long distance runners. Sloan is Captain of the Hockey Team and was a pitcher on the class Baseball team. Wettengel is cox of the Crew. Ross was History Editor of Technique, and according to the records of THE TECH, Philip Tong has the distinction of being the only Chinese student to be nominated for class office at the Institute.

E. W. TAFT NEW MAJOR FRESHMAN BATTALION

New Regulations Require Three Lieutenants in Each Company.

The Commander of the Battalion has at last given out the list of commissioned officers for the current year, the men being for the most part of the upper classes. The commissions are based on excellence of the work of the first year. The Major is usually picked from one of the four captains of the year preceding, thus making him a junior and the other officers as a rule are Sophomores.

Major Cole, the Commander, announces that the Major will be Mr. Edgar Whittaker Taft, 1913. Mr. Taft was the Captain of the company which won the first prize in the annual drill last May. He prepared for Technology in the Gloucester High School, and while there obtained high rank in the High School Battalion, finally becoming a Major. Since he has been in the Institute he has been prominent in the Cadet Battalion and has been a representative of his class on the Institute Committee. While on that body he was in charge of the calendar, which duty, we regret to say, Mr. Taft was unable to perform during the coming year.

The Adjutant of the Battalion is Mr. Samuel Breck, Jr., of Boston. He is also a member of the Junior class and was Lieutenant in Major Taft's company last year. Mr. Breck was a member of the 1913 tug-of-war team, and was also in the chorus of the 1910 Show.

The Captains of the four companies have been appointed as follows: Company A, A. J. Pastene, 1913; Company B, Francis H. Achard, 1913; Company C, Lester S. Hamilton, 1914; Company D, Frederick B. Barnes, 1914. Pastene was a member of the Union Committee last year and he has been connected with THE TECH for a year or more. Mr. Achard was also a tug-of-war man and was in the Show Chorus of both 1910-11. First Lieutenants of the Battalion are Ralph D. Salisbury, Robert W. Moorehouse, Charles H. Chatfield and Lucian W. Burnham.

Other rules and regulations of this year: The companies are divided into three platoons, thus requiring eight Second Lieutenants for the Battalion. The men are as follows: Harold T. Bent, Hibbard S. Busby, Chester R. Gardner, Edgar W. Huckings, John C. Morse, Edward Steere, Fred E. Waters and Ralph E. Wells. The promotions to the non-commissioned staff will not be announced until some time, probably in December.

SEDGWICK TO START COURSE IN HYGIENE

Professor Sedgwick gives the first of the lectures on Personal Hygiene on Wednesday afternoon, at 4 o'clock, to the members of the incoming class. This is the first of a series of valuable and instructive talks that the Freshmen are to get at this hour on Wednesdays in Room 6, Lowell.

Professor Sedgwick is a very interesting man to listen to, and he speaks right from the shoulder, as well as from an inside knowledge of his subject. No man in the first year here can afford to cut one of these talks, for they are of real value.

The second of the series of talks will be given by Dr. Franklin W. White, the medical adviser of the Institute, who is a man high in the ranks of his profession, and one with whom most of the men will at some future time in their course have reason to come in contact. He will give bits of advice from the standpoint of the man who is in a way responsible for the general health of the Institute and the undergraduates, and his lectures are more than apt to be illustrated by little stories of personal experience and observation.

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Also for TRIAL, and one is all we ask as a TEST of our TASTEFUL and TRUSTWORTHY Laundry work: if you will TAKE THE TIME and TROUBLE TO TRY us once you will understand THE TRIUMPHANT TALES that are TOLD in TESTIMONY of our TYPE of laundering. We do a TREMENDOUS TRADE because we take TIME and trouble about TRIFLES and no TASK is TOO TEDIOUS for us to undertake. Our TERMS are TRULY TRIFLING. ALL SHIRTS 10c. EACH. IRONED BY HAND TOO.

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as reported to the Comptroller of the Currency.

RESOURCES

Loans and Discounts	\$ 51,556,613.22
Investments	11,629,453.33
Due from Banks	17,065,681.11
Exchanges from Clearing House	4,728,951.32
Cash	11,279,205.11
	\$ 96,259,904.09

LIABILITIES

Capital	\$ 3,500,000.00
Surplus and Undivided Profits	5,813,181.57
Reserved for Taxes	147,009.87
Circulation	834,097.50
Deposits	85,965,615.15
	\$96,259,904.09

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HALF HOSE

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30 STARS

MAJESTIC

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Matinees Wed. & Sat. at 2.15

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Author of "The Music Master" and "The
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"Students wishing to take Electro-
chemical Laboratory 801 should con-
sult Professor Thompson before Oct.
9th."

WANTED—Copy of 1911 Tech-
nique. Leave note stating price and
condition at Cage for SELIGMAN.

Lost—H. Harlow, 20 Langdon St.,
Cambridge, Mass. Fraternity pin,
Kappa Phi. Reward. Kindly com-
municate with H. Harlow.

NOTICE—Free tickets of admis-
sion to the Museum of Fine Arts for
the year 1911-1912 may be obtained
by all students upon application at
the ticket office in the Museum en-
trance. H. L. Story, for the Direc-
tor.

1913.

Nominations are now open for
Class Officers. Nominations signed
by ten men may be left at the Cage
for 1913 Election Committee until 4
P. M. Monday, October 9. S. E.
Rogers, Acting President.

FACULTY NOTICES.

Precision of Measurements.

Sept. 30, 1911

The regular course of lectures will
be repeated for College Students who
have the subject to make up, on
Wednesday and Friday afternoons
at 4 o'clock in Room 23, Walker.

The list of problems to be handed
in before December 1st by students
who were marked deficient, D, in this
subject is posted on the bulletin
board in Room 16, Walker.

H. M. GOODWIN.

Sept. 30, 1911.

Physical Laboratory Reports for the
year 1910-11 may be obtained by ap-
plying to the assistant in Room 16,
Walker. Reports remaining uncalled
for after October 15th will be confis-
cated.

H. M. GOODWIN.

THIRD YEAR--QUANTITATIVE ANALYSIS.

The lecture in Quantitative Analy-
sis 559 is transferred from 20 Eng.
B, Thursday, at 10, to 54 Eng.
Building A.

WALTER HUMPHREYS,
Registrar.

HISTORY OF SCIENCE.

Essays handed in to Professor
Sedgwick last year will be returned
to students on application at the
Library of the Biological Department.

Essays not claimed within a month
will be destroyed.

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